

## **TREATMENT PLANT OPERATOR TRAINEE I**

### Definition:

Under immediate supervision, assists Water Treatment Plant Operator in the operation, repair and maintenance of water treatment plants and related facilities to supply, treat, store and distribute water; performs related work as required.

### Distinguishing Characteristics:

### Examples of Duties:

- learns skilled plant operations by assisting higher skilled employees;
- assists in the operation of pumps and valves to regulate flow of water through plant;
- determines the rate from meters, gauges, charts and visual inspection;
- coordinates the rate with demand;
- records, reports and logs plant operation, test results, maintenance work performed, and unusual operating conditions;
- backwashes filter beds;
- oils and cleans equipment;
- takes water samples;
- makes standardized quality control tests, adjusts chemical feeders and other plant equipment;
- maintains plants, operating equipment and facilities in a clean and orderly condition;
- receives supplies delivered, and insures that they are properly stored;
- may operate motor vehicles to travel between treatment plants.

### Qualifications:

### Knowledge of:

- basic mechanical knowledge of pumps, electrical motors and piping and control system;
- modern methods of water treatment;
- elementary mechanical, electrical and hydraulic principles;
- basic arithmetic.

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### Ability to:

- demonstrate initiative and independent thinking;
- assist in maintenance and in making operating adjustments to pumping and electrical equipment;
- perform standardized water tests;
- recognize unusual, inefficient, or dangerous operating conditions;
- interpret plant and piping diagrams;
- follow written and oral directions.

### Education/Experience:

Graduation from high school or equivalent and mechanical background.

### License/Certificates:

Must possess and maintain a valid California driver's license with an acceptable driving record. Must be able to obtain a California Water Treatment Operator Certificate, Grade I, within 18 months.